

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122717\
 Data File : BG031820.D
 Acq On : 28 Dec 2017 6:33
 Operator : SJ/JU
 Sample : I7010-11
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 122017-JETT-F-U-M

Quant Time: Dec 28 08:07:25 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 11:08:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.81	152	53397	20.00	ng	-0.03
21) Naphthalene-d8	11.69	136	217008	20.00	ng	-0.03
38) Acenaphthene-d10	15.43	164	152360	20.00	ng	-0.03
63) Phenanthrene-d10	18.16	188	390089	20.00	ng	-0.04
75) Chrysene-d12	22.51	240	464809	20.00	ng	-0.06
86) Perylene-d12	26.26	264	480873	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	6.23	112	121149	41.32	ng	-0.02
7) Phenol-d6	7.90	99	93749	24.63	ng	-0.03
23) Nitrobenzene-d5	10.00	82	301443	104.89	ng	-0.03
41) 2,4,6-Tribromophenol	16.90	330	256372	110.28	ng	-0.04
44) 2-Fluorobiphenyl	14.06	172	1130781	93.15	ng	-0.03
78) Terphenyl-d14	20.70	244	1785423	87.76	ng	-0.04

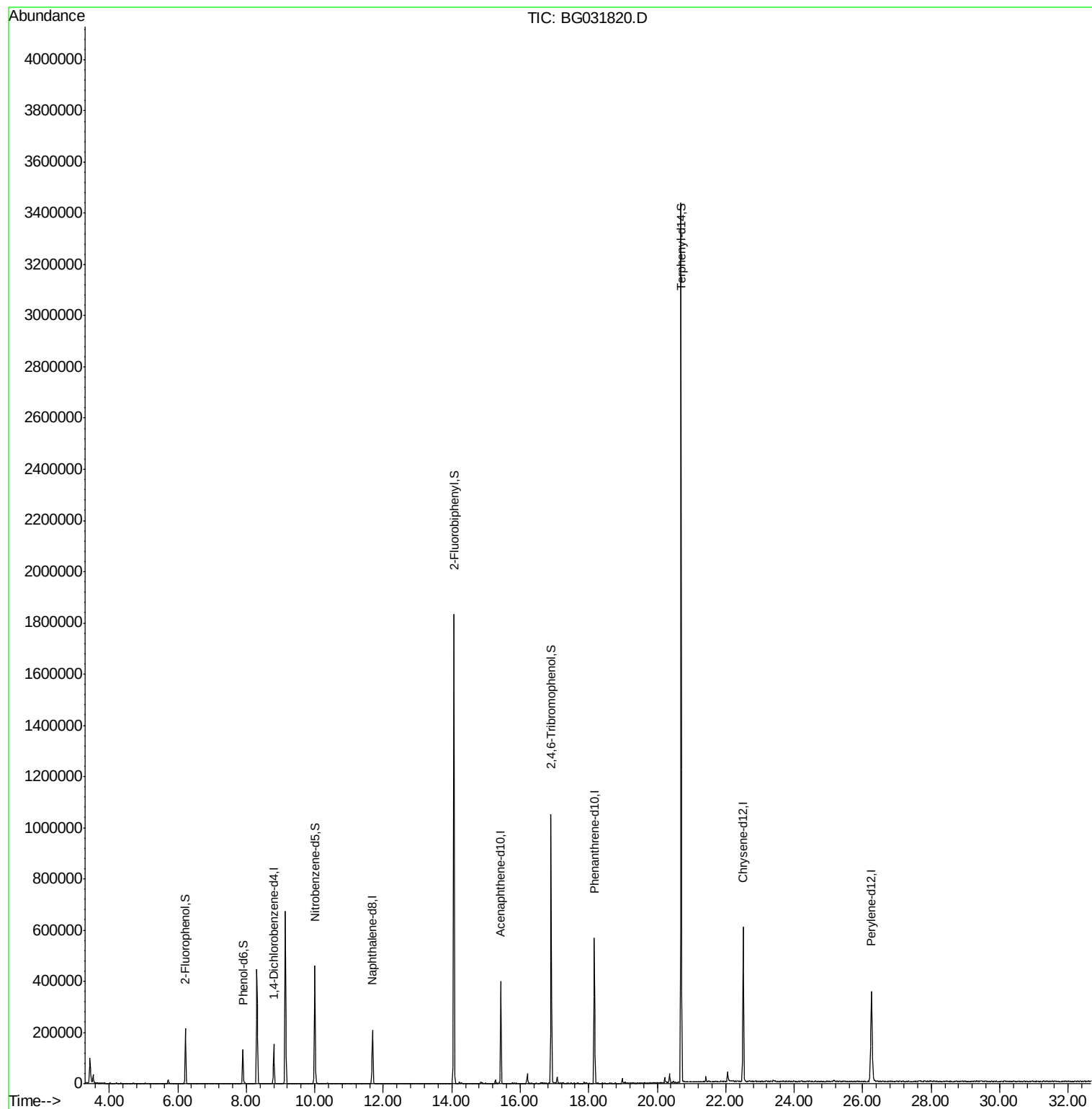
Target Compounds Qvalue

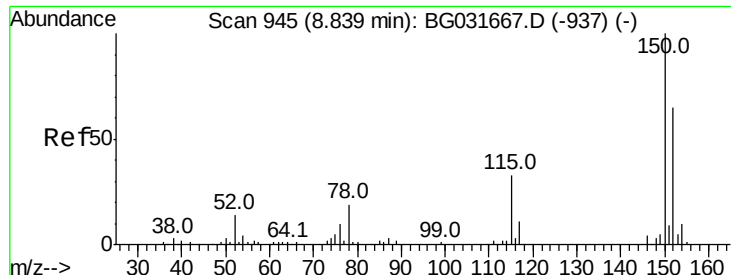
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.81 min Scan# 939

Delta R.T. -0.03 min

Lab File: BG031820.D

Acq: 28 Dec 2017 6:33

Instrument :

BNA_G

ClientSampleId :

122017-JETT-F-U-M

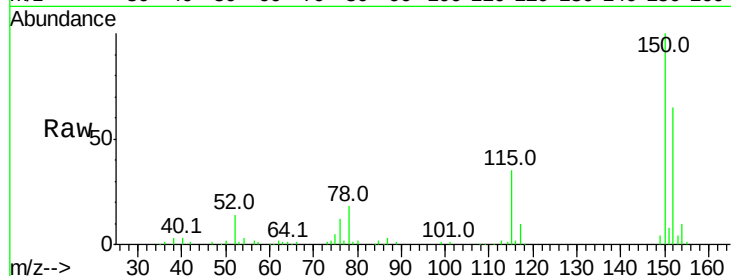
Tot Ion:152 Resp: 53397

Ion Ratio Lower Upper

152 100

150 153.6 126.6 189.8

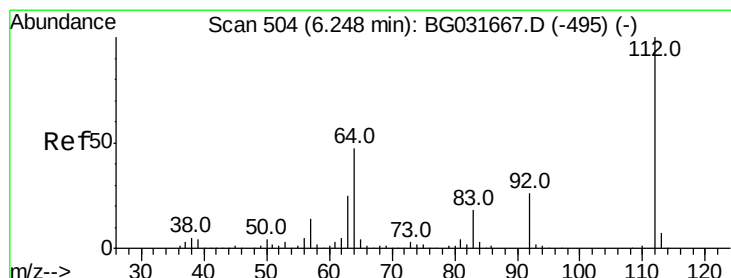
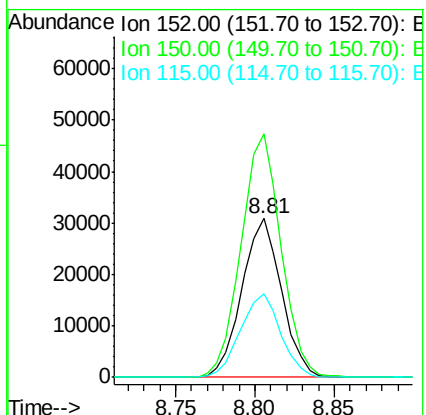
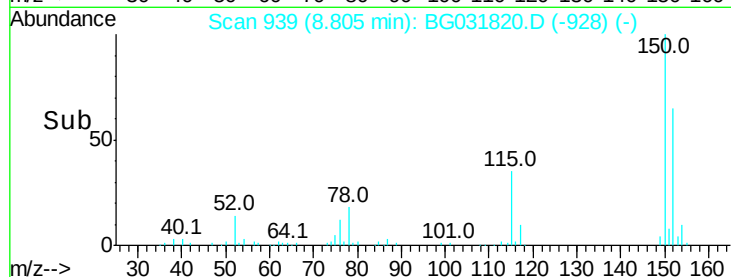
115 53.0 53.0 79.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 41.324 ng

RT: 6.23 min Scan# 500

Delta R.T. -0.02 min

Lab File: BG031820.D

Acq: 28 Dec 2017 6:33

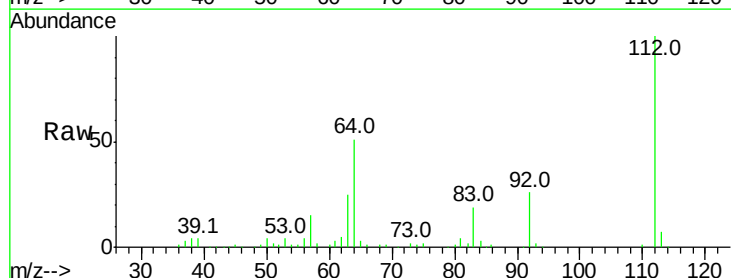
Tgt Ion:112 Resp: 121149

Ion Ratio Lower Upper

112 100

64 51.2 56.3 84.5#

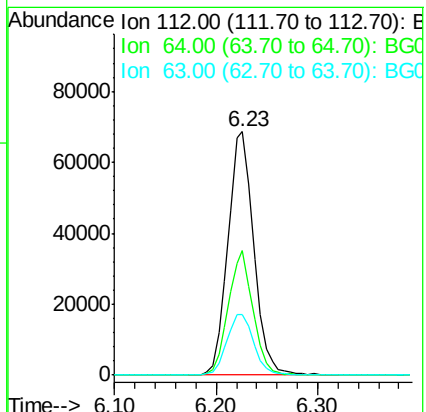
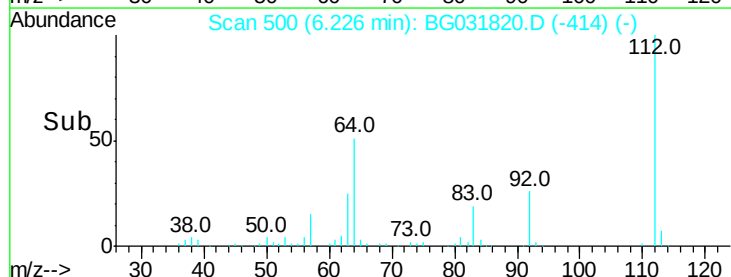
63 24.9 30.1 45.1#

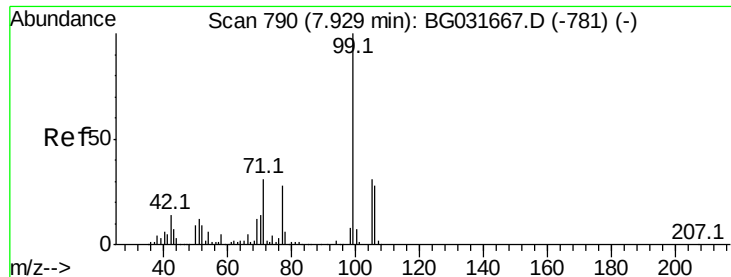


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 24.630 ng

RT: 7.90 min Scan# 785

Delta R.T. -0.03 min

Lab File: BG031820.D

Acq: 28 Dec 2017 6:33

Instrument :

BNA_G

ClientSampleId :

122017-JETT-F-U-M

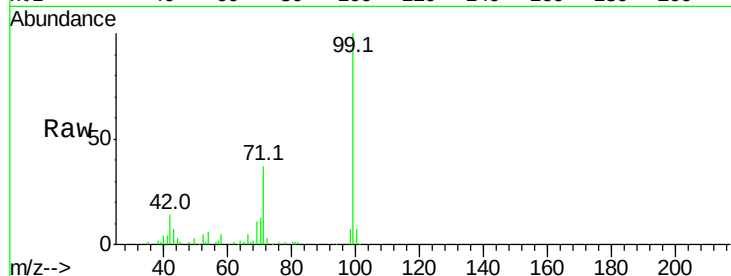
Tot Ion: 99 Resp: 93749

Ion Ratio Lower Upper

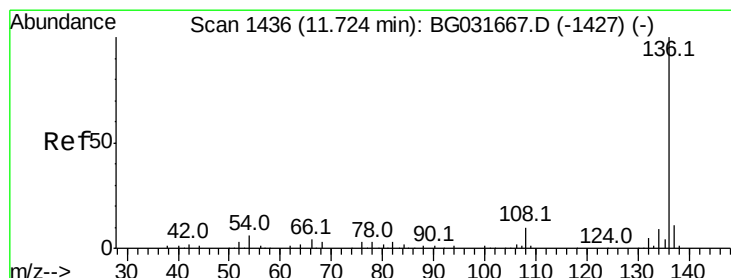
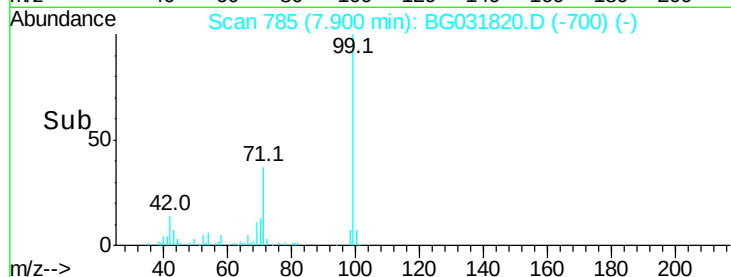
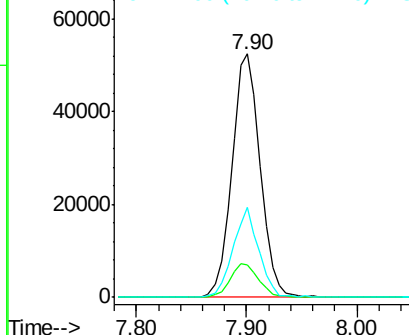
99 100

42 13.5 14.1 21.1#

71 37.1 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.69 min Scan# 1430

Delta R.T. -0.03 min

Lab File: BG031820.D

Acq: 28 Dec 2017 6:33

Tgt Ion: 136 Resp: 217008

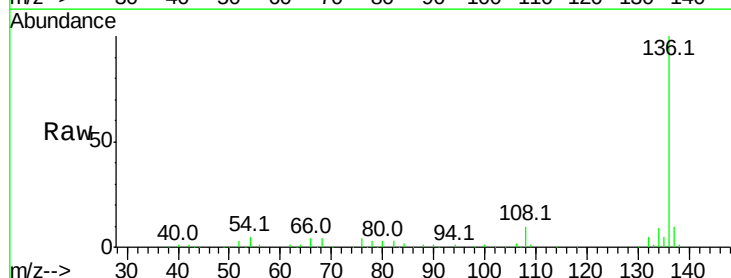
Ion Ratio Lower Upper

136 100

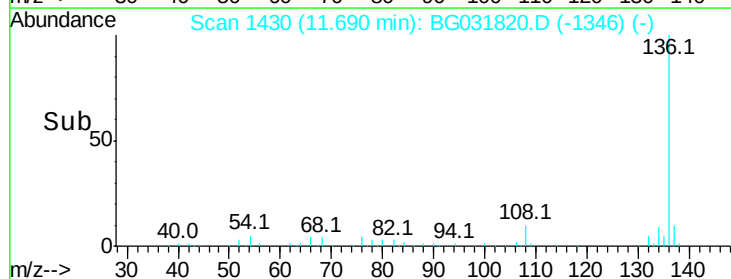
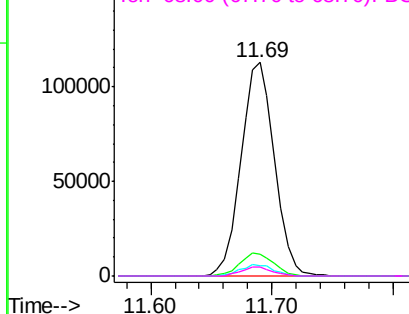
137 10.2 9.2 13.8

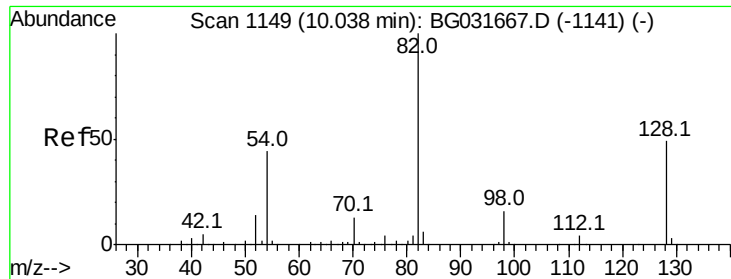
54 5.0 10.3 15.5#

68 4.3 4.5 6.7#



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC





#23

Nitrobenzene-d5

Concen: 104.893 ng

RT: 10.00 min Scan# 1143

Delta R.T. -0.03 min

Lab File: BG031820.D

Acq: 28 Dec 2017 6:33

Instrument :

BNA_G

ClientSampleId :

122017-JETT-F-U-M

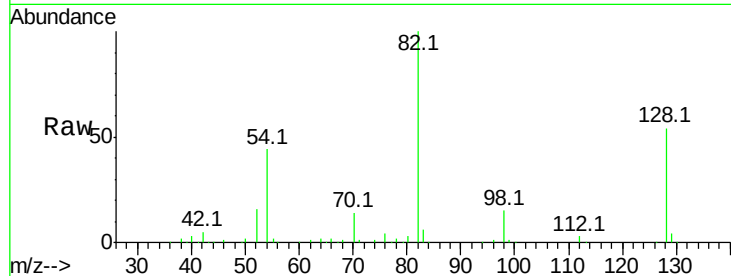
Tot Ion: 82 Resp: 301443

Ion Ratio Lower Upper

82 100

128 53.9 29.7 44.5#

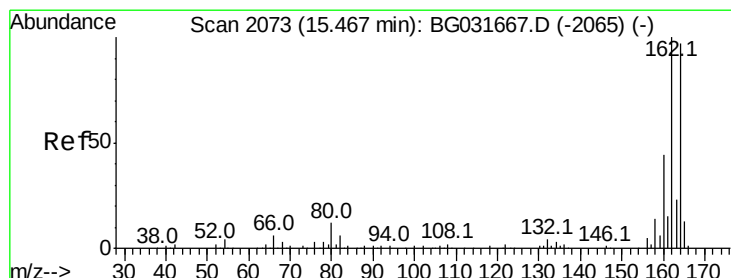
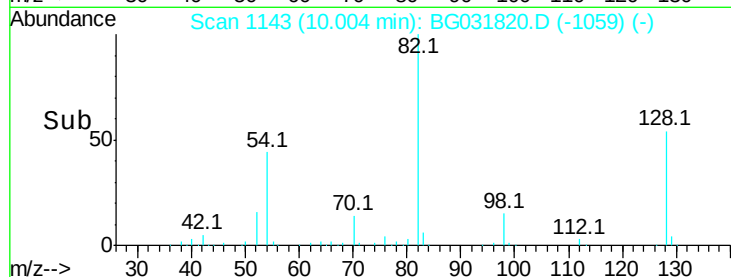
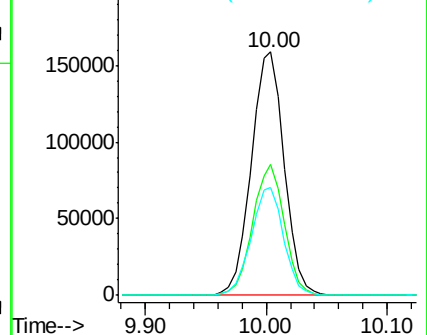
54 44.2 43.1 64.7



Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.43 min Scan# 2067

Delta R.T. -0.03 min

Lab File: BG031820.D

Acq: 28 Dec 2017 6:33

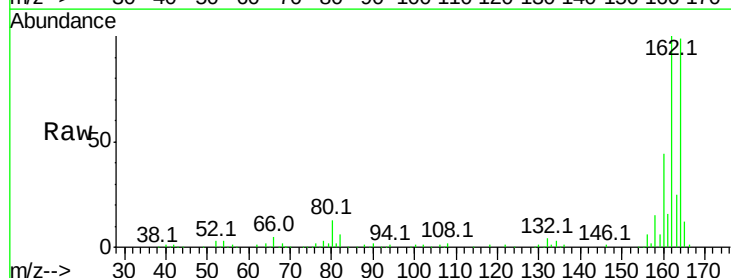
Tgt Ion:164 Resp: 152360

Ion Ratio Lower Upper

164 100

162 101.0 78.8 118.2

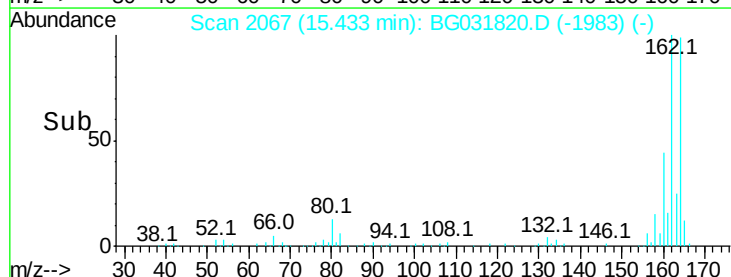
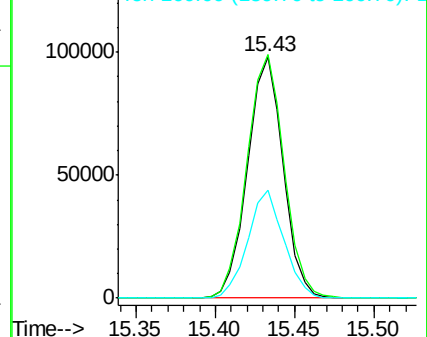
160 44.9 35.4 53.0

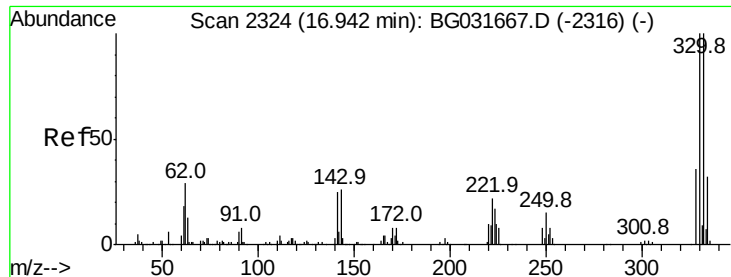


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

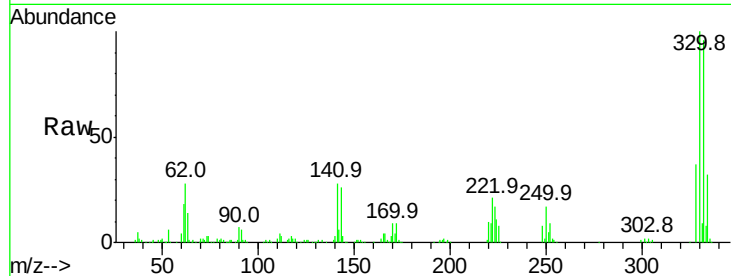




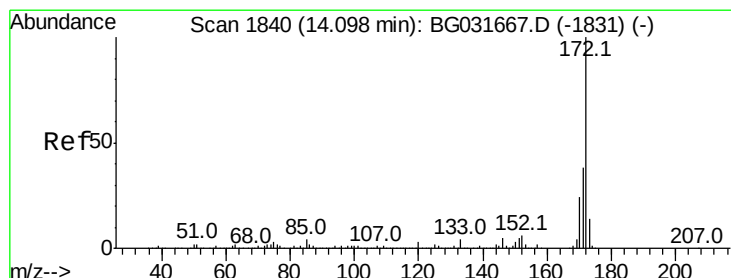
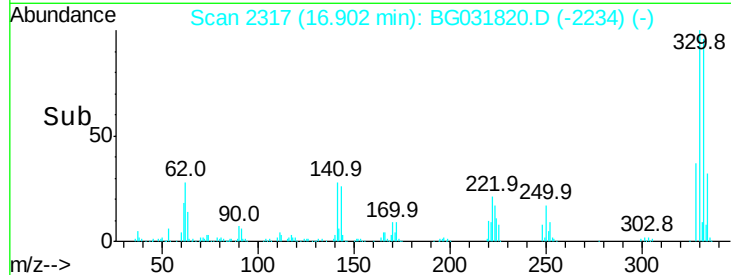
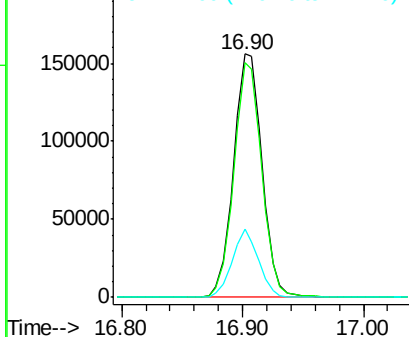
#41
 2,4,6-Tribromophenol
 Concen: 110.277 ng
 RT: 16.90 min Scan# 2317
 Delta R.T. -0.04 min
 Lab File: BG031820.D
 Acq: 28 Dec 2017 6:33

Instrument :
 BNA_G
 ClientSampleId :
 122017-JETT-F-U-M

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.6
141	25.8	25.2	37.8

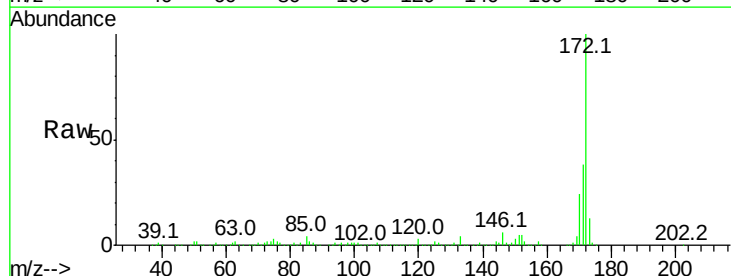


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

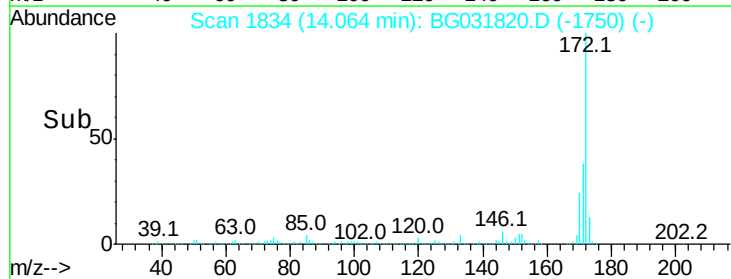
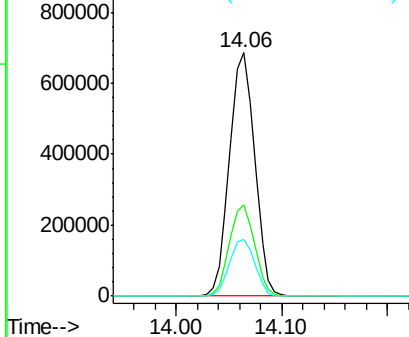


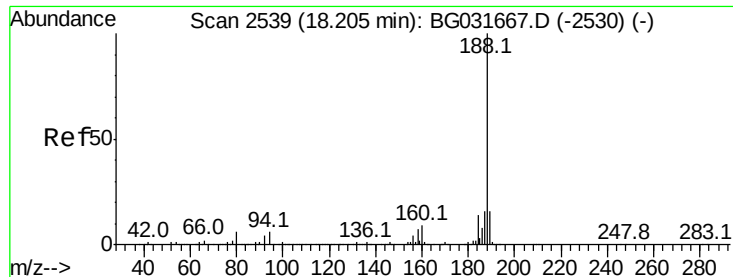
#44
 2-Fluorobiphenyl
 Concen: 93.153 ng
 RT: 14.06 min Scan# 1834
 Delta R.T. -0.03 min
 Lab File: BG031820.D
 Acq: 28 Dec 2017 6:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.0	45.0
170	23.6	19.5	29.3



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.16 min Scan# 2532

Delta R.T. -0.04 min

Lab File: BG031820.D

Acq: 28 Dec 2017 6:33

Instrument :

BNA_G

ClientSampleId :

122017-JETT-F-U-M

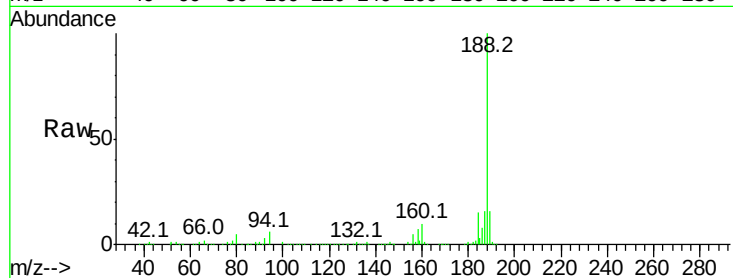
Tot Ion:188 Resp: 390089

Ion Ratio Lower Upper

188 100

94 5.6 6.9 10.3#

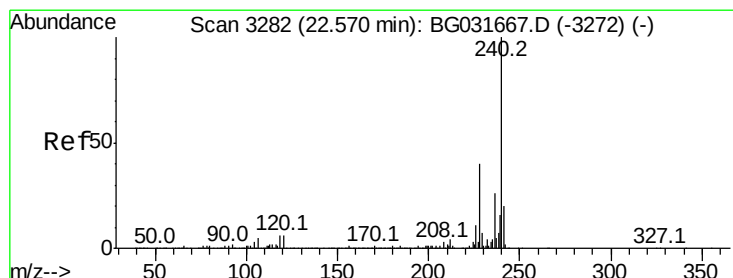
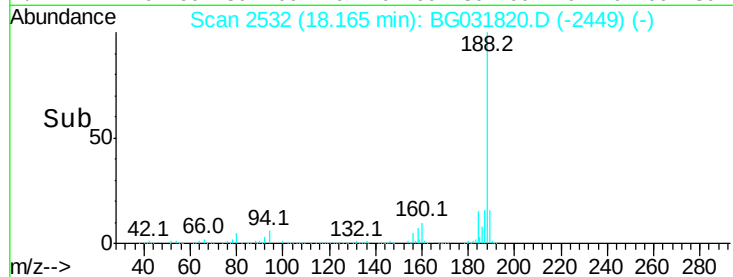
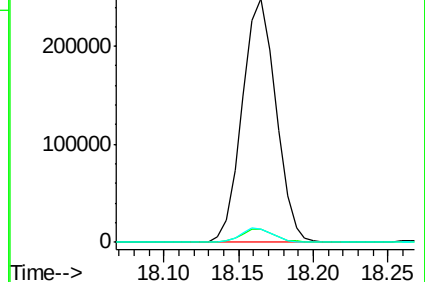
80 5.3 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.51 min Scan# 3271

Delta R.T. -0.06 min

Lab File: BG031820.D

Acq: 28 Dec 2017 6:33

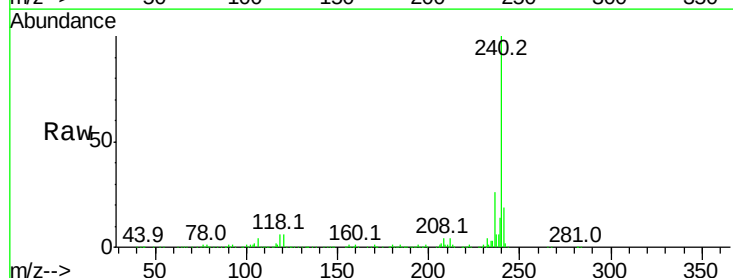
Tgt Ion:240 Resp: 464809

Ion Ratio Lower Upper

240 100

120 6.1 6.8 10.2#

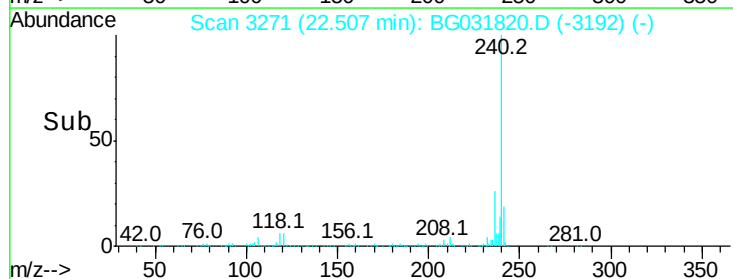
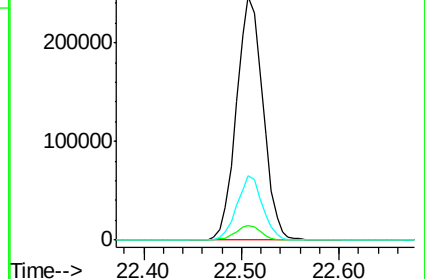
236 26.5 20.9 31.3

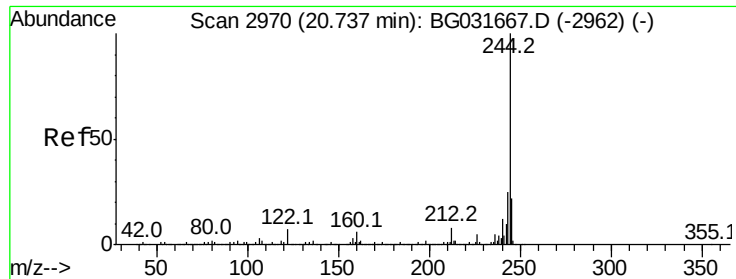


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 87.758 ng

RT: 20.70 min Scan# 2963

Delta R.T. -0.04 min

Lab File: BG031820.D

Acq: 28 Dec 2017 6:33

Instrument :

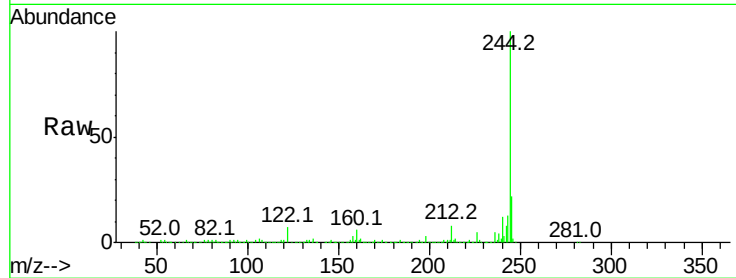
BNA_G

ClientSampleId :

122017-JETT-F-U-M

Tot Ion:244 Resp: 1785423

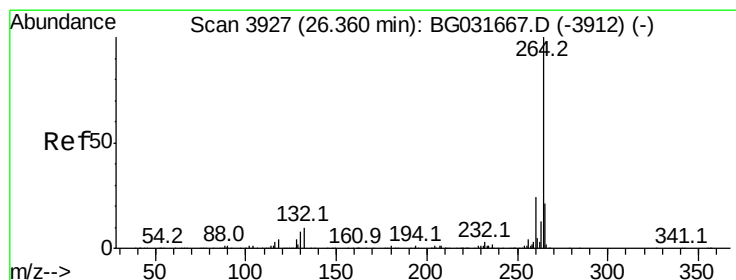
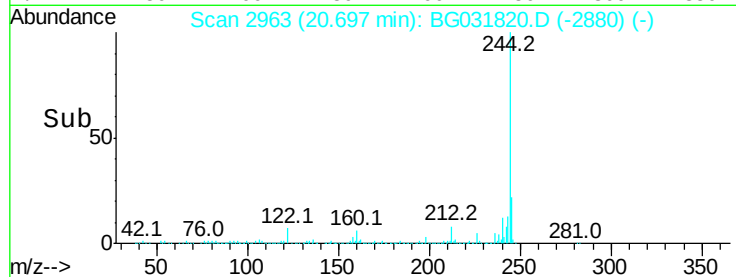
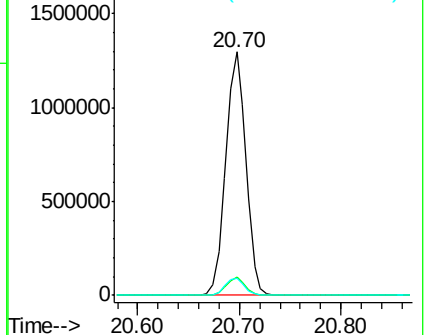
Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.8	8.8
122	7.0	7.0	10.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.26 min Scan# 3909

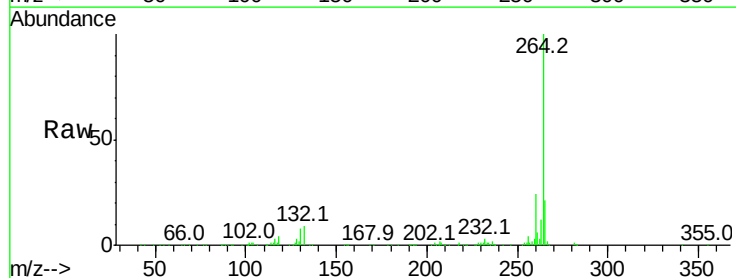
Delta R.T. -0.10 min

Lab File: BG031820.D

Acq: 28 Dec 2017 6:33

Tgt Ion:264 Resp: 480873

Ion	Ratio	Lower	Upper
264	100		
260	24.0	17.4	26.0
265	21.0	17.7	26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

